

# Notice of Allowability

Application No.

10/660,393

Examiner

Brenda Pham

Applicant(s) 

HESTER ET AL.

Art Unit

2664

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/16/05.
2. ☒ The allowed claim(s) is/are 7-10, 15 and 16.
3. ☒ The drawings filed on 11 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **REASONS FOR ALLOWANCE**

1. Claims 7-10 and 15-16 are allowed over prior art.
2. The following is an examiner's statement of reasons for allowance: the prior art made of record does not teach broadcasting, by the node, a discovery message during a time slot reserved for transmissions within the first piconet, wherein the discovery message comprises the neighboring piconet's identification, the first piconet's identification and the identification of the node.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Larsson et al (US 6,751,200 B1) discloses a method for route discovery based piconet forming.

Larsson et al (US 6,535,498 B1) discloses a route updating in ad-hoc networks.

Larsson et al (US 6,704,293 B1) discloses a method and/or an apparatus which places a broadcast message which the source expects a reply message in a broadcast message for route discovery.

Johansson et al (US 2003/0076842 A1) discloses systems and method provided for managing communication between two or more ad-hoc networks in a communication system.

Souissi et al (US 2002/0142721 A1) discloses a method and device for selecting a wireless communication path.

Van Valkenburg et al (US 6,775,258 B1) discloses apparatus and an associated method, by which to route packets of data between a data source node and a data destination node in an ad hoc, wireless network such as a Bluetooth scatternet.

Cain (US 6,718,394 B2) discloses a method for sending data in a wireless ad-hoc network including a plurality of nodes grouped into clusters of nodes and a plurality of wireless links connecting the plurality of nodes, where each cluster has a designated cluster leader node.

Dooley et al (US 6,646,603) disclose method of providing an estimate of a location.

Morris et al (US 6,691,173 B2) disclose a method and apparatus for internetworked communication between first and second wireless networks containing first and second pluralities of wireless nodes, respectively.

Young et al (US 6,504,829 B1) disclose a method and system for managing communication resources using channelized neighborhoods.

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**Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

Brenda Pham  
March 24, 2005



WELLINGTON CHIN  
SUPERVISORY PATENT EXAMINER